



Mobile Phone Based on CE Linux

NEC Corporation

What is demonstrated

N900iL

(WCDMA/Wireless LAN Dual-Mode)

- Wireless LAN Browser



N902iS

(WCDMA with PoC)

- Improvement in performance of real time operations
- Reduction of application boot times



How was the Linux improved

1. Function

NEC's Linux technology has built the following mobile-phone functionality using OSS modules (SIP, RTP, RTCP, etc.). This has been achieved against a background of actively seeking external alliances with other developers.

- Wireless LAN Access
- PoC (Push-To-Talk over Cellular)

Telephony API specification has been proposed to MPPWG.

2. Performance

Approaching RTOS-based phone levels of performance.

- Minimized start up time
- Reduction of application boot times

